

1. (Amended) A transaction system for transacting through a communication network, comprising:

a first terminal connecting to the communication network and having an information indicating device unit;

a second terminal that is at least one of a cellular telephone and a PDA and having a unique ID information, an antenna and an input device unit, said second terminal being connectable to said first terminal through the communication network with said antenna; and

a transaction apparatus communicating with said first and second terminals through the communication network, said transaction apparatus storing said unique ID information of said second terminal in advance, said transaction apparatus setting up and sending a transaction ID information to said first terminal, said transaction apparatus receiving from said second terminal said unique ID information of said second terminal together with said transaction ID information, said transaction apparatus performing the transaction by synchronizing a communication with said first terminal and said second terminal when said unique ID information received from said second terminal is identical with that stored in said transaction apparatus in advance previously and when said transaction ID information received from said second terminal is identical with that set up by said transaction apparatus and sent to said first terminal.

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the

application.

wherein said first and said second terminals send and receive messages between via the transaction apparatus during synchronizing.

2. (Previously amended) A transaction system as obtained in claim 1, wherein said first terminal connects to said transaction apparatus via a commercial telephone line or a private line, and said second terminal connects to said transaction apparatus via a radiotelephone communication.

3. (Amended) A transceiver apparatus for transmission through a communication network with a first terminal having an information indicating device and a second terminal that is at least one of a cellular phone and a PDA and having a unique ID information, an indicating device unit, and an antenna, said second terminal being connectable to said first terminal through the communication network with said antenna, comprising:

a processing device ~~may~~ for setting up a transaction ID information to be indicated on said first terminal,

a first communication device wait for connecting to the first terminal via the communication network, said first communication device sending the transaction ID information to the first terminal, and

a second communication device wait for connecting to the second terminal via the communication network and receiving from said second terminal said unique ID information of

said second terminal together with said transaction ID information that is transmitted from the first terminal to the second terminal,

wherein said processing device ~~will~~ perform the transaction by synchronizing a communication with said first terminal and said second terminal when said unique ID

information received from said second terminal is identical with that stored in said user database, and when said transaction ID information received from said second terminal is identical with that set up by said transaction apparatus and sent to said first terminal, and

wherein said first and said second terminals send and receive messages

therebetween via the transaction apparatus during synchronizing;

4. (Amended) A transaction apparatus as claimed in claim 3, wherein said first

communication device ~~will~~ connect to the first terminal via at least one of a commercial

telephone line and a private line, and said second communication device ~~will~~ connect to the

second terminal via radiotelephone communication.

5. (Amended) A transaction apparatus as claimed in claim 4, wherein said first

communication device ~~will~~ receive a purchase amount of the transaction from the first terminal; said second communication device ~~will~~ transmit said purchase amount to the

second terminal so that the second terminal confirms said purchase amount, and receives a final

purchase confirmation signal;

said processing device ~~will~~ perform a settlement processing after said second

communication device ~~will~~ receives the final purchase confirmation signal from the second

terminal.

said first communication device may transmit a settlement completion notification, which notifies completion of the settlement processing performed by said processing device and to the first terminal; and

said second communication device may transmit to the second terminal a receipt which notifies the receiving of said purchase amount of the settlement processed by said processing device and

6. (Amended) A transaction apparatus as claimed in claim 5, further comprising a first terminal database storing information about the first terminal,

wherein said first communication device may receive from the first terminal an identifying number to identify the first terminal, and

said processing device may retrieve information about the first terminal from said first terminal database and confirms a registration of the first terminal, based on the identifying number.

7. (Amended) A transaction apparatus as claimed in claim 6, wherein said second communication device may transmit to the second terminal the information about the first terminal, for the second terminal to confirm the first terminal, received from said first terminal database.

8. (Amended) A transaction apparatus as claimed in claim 7, wherein the user database is a second terminal database which stores information about the second terminal, wherein said second communication device may detect a calling telephone number of the second terminal, and

said processing device with retrieves information about a user of the second terminal from said second terminal database based on the calling telephone number, and said processing device with inquires about at least one of a registration status of the user, a payment history of the user, and available amount of the user.

9. (Amended) A transaction apparatus as claimed in claim 8, wherein said

processing device with retrieves at least a part of attribute information of the user of the second terminal from said second terminal database, and said first communication device with transmits to the first terminal at least a part of the attribute information of the user of the second terminal.

10. (Amended) A transaction apparatus as claimed in claim 11, wherein said second communication device with receives a message which demands a purchase history of the user of the second terminal, said processing device with retrieves said purchase history of the user from said second terminal database, and said second communication device with transmits the purchase history to the second terminal.

11. (Amended) A transaction apparatus as claimed in claim 8,

wherein said processing device with synchronizes a communication to the first terminal with a communication to the second terminal, and said first communication device with transmits to the first terminal a synchronization confirmation signal which indicates

establishment of a synchronization, when the first terminal withifies said transaction identifying number to at least one of the second terminal and a user of the second terminal, and when the second terminal transmits to said transaction apparatus the same transaction ID information.

transaction apparatus stores said unique ID information that is inputted by said input device unit

said unique ID information thereof into said transaction apparatus previously, and said

terminal is a unique terminal for a user and said input device unit of said second terminal inputs

52. (Amended) A transaction system as claimed in claim 1, wherein said second

45-51. (Canceled)

said transaction ID information relates to an order in the transaction.

47. (Previously presented) A transaction apparatus as claimed in claim 3, wherein

said transaction ID information relates to an order in the transaction.

46. (Previously presented) A transaction system as claimed in claim 1, wherein

42-45. (Canceled)

network.

said transaction apparatus presents said transaction ID information on the communication

41. (Previously presented) A transaction apparatus as claimed in claim 3, wherein

network.

said transaction apparatus presents said transaction ID information on the communication

40. (Previously presented) A transaction system as claimed in claim 1, wherein

1-2-39. (Canceled)

between said first terminal and said second terminal;
 apparatus permits said second terminal to perform another function during the synchronization
 said transaction apparatus permits said first terminal to perform a function and said transaction
 53. (Previously presented) A transaction system as claimed in claim 58, wherein

the communication with said first terminal and said second terminal one-to-many
 comprising a plurality of second terminals and wherein said transaction apparatus synchronizes
 56. (Previously presented) A transaction system as claimed in claim 1, further

second terminal one-to-one
 said transaction apparatus synchronizes the communication with said first terminal and said
 57. (Previously presented) A transaction system as claimed in claim 1, wherein

55-56. (Cancelled)

unique terminal for the user.
 said first terminal is a terminal for a plurality of unspecified users and said second terminal is a
 54. (Previously presented) A transaction system as claimed in claim 1, wherein

information indicating device used of said first terminal further comprises a display or a speaker
 53. (Amended) A transaction system as claimed in claim 1, wherein said

with each other.
 and said transaction ID information that is set up by said transaction apparatus in association

59. (Previously presented) A transaction system as claimed in claim 57, wherein said transaction apparatus permits a one way communication from said second terminal to said first terminal during the synchronization.

61. (Previously presented) A transaction system as claimed in claim 57, further comprising a plurality of first and second terminals, wherein said transaction apparatus sets up a plurality of different transaction ID information each other, based on each instant of the current time, in accordance with each of instruction from each of said first terminal.

62-64. (Cancelled)

66. (Amended) A recording medium which stores a program to be executed by for a computer for a transaction system including a first terminal, a second terminal that is at least one of a cellular phone and a PDA, and a transaction apparatus communicating with said first and second terminal through a communication network, said first terminal having an information indicating ~~device~~ web, said second terminal having a unique ID information, an antenna and an input device ~~web~~, and said second terminal being connectable to said first terminal through the communication network with the antenna, the recording medium comprising:

a voting module which stores said unique ID information of said second terminal in said transaction apparatus;

a connecting module which connects said first terminal with said transaction apparatus through the communication network;

a setting up module which sets up a transaction ID information in said transaction apparatus;

second terminal and said transaction ID) information that is set up, in association with each other.

database stores said unique ID) information that is inputted by said input device ~~and~~ of said

67. (Amended) A transaction apparatus as claimed in claim 3, wherein said user

interface via the transaction apparatus during synchronizing.

wherein said first and said second terminals send and receive messages

identical with that set up by said transaction apparatus and sent to said first terminal.

apparatus and when said transaction ID) information received from said second terminal is

information received from said second terminal is identical with that stored in said transaction

communication with said first terminal and said second terminal when said unique ID)

a performing module which performs the transaction by synchronizing a

said information indicating device unit of said first terminal; and

information of said second terminal together with said transaction ID) information indicated on

a receiving module which receives from said second terminal said unique ID)

device unit of said second terminal;

an inputting module which inputs said transaction ID) information to said input

indicating device unit of said first terminal;

an indicating module for indicating said transaction ID) information to said

terminal.

a sending module which sends said transaction ID) information to said first

the communication network with said network, comprising:
 information and an antenna, said second terminal being connectable to said first terminal through
 second terminal that at least one of a cellular phone and a PDA and having unique ID
 first terminal that is a vending machine having an information indicating ~~DELEG~~ unit and a
 a computer for a transaction apparatus for transacting through a communication network with a
 77. (Amended) A recording module which stores a program to be executed by the

72-76 (Cancelled)

terminal during the synchronization.
 processing device ~~unit~~ permits a one-way communication from said second terminal to said first
 71. (Amended) A transaction apparatus as claimed in claim 70, wherein said

apparatus permits said second terminal to perform another function during the synchronization.
 processing device ~~unit~~ permits said first terminal to perform a function and said transaction
 71. (Amended) A transaction apparatus as claimed in claim 3, wherein said

second device with each instruction from each of said first terminals.
 transaction ID information different from each other, based on each instant of the current time, in
 a plurality of first and second terminals, wherein said processing device ~~unit~~ sets up a plurality of
 69. (Amended) A transaction apparatus as claimed in claim 68, further comprising

terminal one-to-one.

processing device ~~unit~~ synchronizes the communication with said first terminal and said second
 68. (Amended) A transaction apparatus as claimed in claim 3, wherein said

a storing module which stores said unique ID information of said second terminal in advance;
a setting up module which sets up a transaction ID information to be indicated on said first terminal;
a first connecting module which connects to the first terminal via said communication network;
a second connecting module which connects to the second terminal via said communication network;

a receiving module which receives from said second terminal said unique ID information of said second terminal together with said transaction ID information inputted through said second terminal; and
a performing module which performs the transaction by synchronizing a communication with said first terminal and said second terminal when said unique ID information received from said second terminal is identical with that stored in said user database and when said transaction ID information received from said second terminal is identical with that set up by said transaction apparatus and sent to said first terminal;

wherein said first and said second terminals send and receive messages therewith via the transaction apparatus during synchronizing.

78-100. (Canceled)

101. (Amended) A transaction system as in claim 1, wherein the information indicating device with of the first terminal has an infrared transmitting device unit.

device unit and the input device unit is a short-range communicating device unit.

109. (Amended) A method as in claim 62, wherein at least one of the indicating

infrared receiving device unit.

108. (Amended) A method as in claim 62, wherein the second terminal has an

the first terminal has an infrared transmitting device unit.

107. (Amended) A method as in claim 62, wherein the indicating device unit of

terminal and the second terminal has a short-range communicating device unit.

106. (Amended) A transaction apparatus as in claim 3, wherein at least one of first

terminal has an infrared receiving device unit.

105. (Amended) A transaction apparatus as in claim 3, wherein the second

indicating device unit of the first terminal has an infrared transmitting device unit.

104. (Amended) A transaction apparatus as in claim 3, wherein the information

device unit

information indicating device unit and the input device unit is a short-range communicating

103. (Amended) A transaction system as in claim 1, wherein at least one of the

has an infrared receiving device unit.

102. (Amended) A transaction system as in claim 1, wherein the second terminal

110. (Amended) A recording medium as in claim 55, wherein the indicating device unit of the first terminal has an infrared transmitting device unit.

111. (Amended) A recording medium as in claim 56, wherein the second terminal has an infrared receiving device unit.

112. (Amended) A recording medium as in claim 59, wherein at least one of the indicating device unit and the input device unit is a short-range communicating device unit.

113. (Amended) A method as in claim 72, wherein the information indicating device unit of the first terminal has an infrared transmitting device unit.

114. (Amended) A method as in claim 72, wherein the second terminal has an infrared receiving device unit.

115. (Amended) A method as in claim 72, wherein at least one of the information indicating device unit and the second terminal is a short range communicating device unit.

116. (Amended) A recording medium as in claim 77, wherein the information indicating device unit of the first terminal has an infrared transmitting device unit.

117. (Amended) A recording medium as in claim 77, wherein the second terminal has an infrared receiving device unit.

unit.

information indicating device was and the second terminal has a short-range communicating unit. (Amended) A reciting nothing as in claim 77, wherein at least one of the

REMARKS

Claims 1-11, 40, 41, 46, 47, 52-54, 57-77, and 101-118 were pending in this application at the time of the prior amendment. Claims 1-11, 40, 41, 46, 47, 52-54, 57-61, 66-71, 77, and 101-118 had been allowed, and claims 62-65 and 72-76 had been rejected. Claims 62-65 and 72-76 were canceled by the prior Amendment. The cancellation of claims 62-65 and 72-76 was made without prejudice to or disclaimer of the subject matter presented therein.

Because all of the rejected claims have been cancelled, without prejudice, by the prior Amendment, Applicant respectfully submits that the application is now in condition for allowance.

By the supplemental amendment, applicant clarifies that the several references to a "unit" use more clearly references to a "device" and accordingly, the word "unit" in the claims has been changed to "device". Also, claims 66 and 77 have been amended to more clearly confirm that the program recited in those claims is to be executed by a computer. Applicant respectfully submits that these supplemental amendments do not narrow the claims, but represent an improvement in the language of the claims and confirm applicant's intent as to what those claims have always covered.

No fees are believed to be due in connection with the filing of this paper. Nevertheless, should the Commissioner deem any fee(s) to be now or hereafter due in connection with this application, authority is given to charge all such fees to Deposit Account No. 19-4709.

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Respectfully submitted,

required, please contact Applicant's attorney at the number listed below.

In the event that there are any questions, or should additional information be

indicated by the first terminal has an indicated transmitting device was.

(01. (Amended) A transaction system as in claim 1, wherein the information

78-100. (Cancelled)

therebetween via the transaction apparatus during synchronization

wherein said first and said second terminals send and receive messages

that set up by said transaction apparatus and sent to said first terminal.

and when said transaction ID information received from said second terminal is identical with

information received from said second terminal is identical with that stored in said user database

communication with said first terminal and said second terminal when said unique ID

a performing module which performs the transaction by synchronizing a

through said second terminal; and

information of said second terminal together with said transaction ID information inputted

a receiving module which receives from said second terminal said unique ID

communication network;

a second connecting module which connects to the second terminal via said

communication network;

a first connecting module which connects to the first terminal via said

said first terminal;

a setting up module which sets up a transaction ID information to be indicated on

in advance;

a storing module which stores said unique ID information of said second terminal.